

## Shipboard System for Transportation of Natural Gas in Zeolites

### ABSTRACT

A system for transporting compressed gas aboard a ship includes: a) tanks aboard the ship adapted for carrying the compressed gas; b) a zeolite material in each of the tanks, the zeolite material adapted for adsorption of the gas into pore spaces of the zeolite material; and c) connection means for connecting the tanks to sources for receiving and dispensing the gas.

A method for transportation of natural gas aboard a ship, comprising:

- a. providing a plurality of tanks on board the ship;
- b. putting a zeolite material in the tanks;
- c. connecting gas delivery tubes to the tanks;
- 10 d. introducing the gas into the tanks under pressure until a desired pressure is reached; and
- e. after the ship reaches its desired destination, connecting gas delivery tubes to the tanks, and discharging the gas from the tanks.